

AMENDMENTS TO THE CLAIMS

Please replace the claims, including all prior versions, with the listing of claims below.

Listing of Claims:

1. (Currently Amended) A contact piece of a contact arrangement for interrupting a current in a distribution system, comprising:

a contact carrier which has a hollow-cylindrical wall section and a base wall; and
a contact disk which lies opposite the base wall in a longitudinal direction, slots being provided for producing a magnetic field, wherein

the rims of the slots have rounded-off edges having a defined radius R that is set as a function of a voltage of the distribution system U in accordance with a rule on dimensions:

$$R \geq 2 \cdot 10^{-4} \cdot U^2 + 8.5 \cdot 10^{-3} \cdot U + 0.34,$$

where U has a unit kilovolts and R has a unit millimeters.

2. (Canceled)

3. (Previously presented) The contact piece as claimed in claim 1, wherein the slots have slot ends in a form of a rounded hole.

4. (Previously presented) The contact piece as claimed in claim 3, wherein the diameter of the rounded hole is in a region of a slot width of the slots.

5. (Previously presented) The contact piece as claimed in claim 1, wherein the slots have rectangular slot ends.

6. (Previously presented) The contact piece as claimed in claim 1, wherein the slots are provided in the wall section and are inclined with respect to a longitudinal direction.

7. (Previously presented) The contact piece as claimed in claim 1, wherein the slots are formed in the contact disk.

8. (Previously presented) The contact piece as claimed in claim 1, wherein the slots are provided in the base wall.